PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	15308US01
First Inventor	Christian Lutkemeyer
Title	Hardware Efficient Implementation Of Finite Impulse Response Filters With Limited Range Input Signals
Express Mail Label No.	EV 331533878 US

					Express M	ali Label No.	EV 33	1533878 (<u></u>		
See MPEP o	APPLICATIC			ADDRES	SS TO:	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
1. Fe	e Transmittal Fom	n (e.g., PTO/SE	3/17)	CD-ROM or CD-R in duplicate, large table or							
	ubmit an original and a du oplicant claims sma	•	essing)	8. Nucleotide and/or Amino Acid Sequence Submission							
	ee 37 CFR 1.27.	orrany outlido.			(if applicable, all necessary)						
	pecification eferred arrangement set	forth helow)	[Total Page	es <u>27</u>]	а. 🗌	Computer R	eadable f	Form (CRF)			
-De	escriptive title of the in	nvention			h C	aifiantian Car					
	ross Reference to Rel tatement Regarding F			b. Spe	b. Specification Sequence Listing on:						
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-Br	rief Description of the)		_	ııı apeı					
-CI	etailed Description laim(s)				c	Statements					
-At	bstract of the Disclosu	ıre				CCOMPAN					
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4. 🛛 Dr.	awing(s) (35 U.S.C	C. 113)	[Total Shee	ets <u>3</u>]	10.	37 CFR 3.7 (when there			Power of Attorney		
5. Oath or D	Declaration		[Total Shee	ts <u>3</u>]	11. 🔲	English Tra	nslation [Document (if	f applicable)		
a. 🛛 N	12.	Information Statement (Copies of IDS Citations						
b. 🗌 С	opy from a prior ap	oplication (37 C	FR 1.63(d))		13.	Preliminar	y Ameno	dment			
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: [) DELETION OF	IND/ENTOR/C				(Should be Certified Co					
i <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s)					15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
named in the prior application, see 37 CFR					Nonpublication Request under 35 U.S.C. 122(b)						
	1.63(d)(2) and	1.33(b).			16. (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
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5b, is consider	red a part of the disclo	osure of the acco	mpanying cont	tinuation	or divisional	application and	d is hereby	incorporated			
incorporation g	can only be relied upo	on when a portion	19. CORRE				applicatio	on parts.			
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Country			Telep	hone	312-775-	8000	Fax	312-77	75-8100		
Name (Print/ty	ype) Fredrick	T French	, 111 - 1	Registrat	ion No. (Atto	rney/Agent)	52,524				
Signature		JA.	7/1	-)	··········		Date	February	5, 2004		
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7114 U.S.PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)864.00

Complete if Known						
Application Number	Unassigned					
Filing Date	Herewith					
First Named Inventor	Christian Lutkemeyer					
Examiner Name	Unassigned					
Group Art Unit	Unassigned					
Attorney Docket No.	15308US01					

	М	ETH	OD OF PAYN	IENT		FEE CALCULATION (continued)					
1. ☑ The Co	ommissio	ner is	hereby authorized to	charge indic	ated fees and						
credi	t any ove	rpaym	ents to:	•			Larg		Smal		
Deposit					7		Entit		Entit		
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Deposit Account	P	ИсАп	drews Held & N	Mallov		1051	130 50	2051	65	Surcharge - late filing fee or oath	
Name						1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	i l
☑ Char	ge Any A	ddition	nal Fee Required Un	der 37 CFR 1	.16 and 1.17						
			all entity status.			1053	130	1053	130	Non-English specification	
	37 CFR 1					1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
2. ⊠ Payme			ard Money Order	□ Other		1804	920*	1804	920*		
Z Crieca			<u>·</u>			1007	520	1004	320	Requesting publication of SIR prior to Examiner action	
		EE	CALCULATI	ON		1805	1,840	*1805	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FIL						ļ.					
Large Entit		Entity	Fan Danadakları			1251	110	2251	55	Extension for reply within first month	
Code (\$)	Code		Fee Description		Fee Paid	1252	420	2252	210	Extension for reply within second month	
1001 770		385	Utility filing Fee		770	1253	950	2253	475	Extension for reply within third month	
1002 340		170			779	1254	1,480		740	Extension for reply within fourth month	
			Design filing Fee			1255	2,010		1,005	Extension for reply within fifth month	
1003 530	2003	265	Plant filing fee			1401	330	2401	165	Notice of Appeal	
1004 770	2004	385	Reissue filing fee			1402	330	2402	165	Filing a brief in support of an appeal	
1005 160	2005	80	Provisional filing fe	ee		1403 1451	290 1.510	2403	145 1510	Request for oral hearing	\vdash
						1451	110	2452	55	Petition to institute a public use proceeding Petition to revive - unavoidable	
				SUBTOTAL	(1) (\$)770.00	1453	1,330		665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES			1501	1,330		665	Utility issue fee (or reissue)				
Z. EXTRACL	AIM FEE	3		_		1502	480	2502	240	Design issue fee	
			Extra Claims	Fee from below	Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims	53 -	20** =	3x	18 =		1460	130	1460	130	Petitions to the Commissioner	
	23.	20 -	Βx	10 =	54	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Independent Claims	3 - 3	* =	(0) ×	86 =	0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Deper	_		₩^	<u> </u>	0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
Large Entity	/ Small f	Entity				1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Fee Code (\$)		Fee	Fee Description			1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1202 18	2202	9	Claims in excess of	of 20		1801	770	2801	385	Request for Continued Examination (RCE)	
1201 86		43	Independent claim		3	1802	900	1802	900	Request for expedited examination of a design	
1203 290	2203	145	Multiple dependent claim, if not paid		011				application		
1204 86	2204		**Reissue indepen		paid	Other	fee (sp	ecity)			
1204 00	2204	70	over original pat								
1205 18	2205	9	**Reissue claims in and over origina)						
SUBTOTAL (2) (\$)54.00											
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	or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)40.00										

SUBMITTED BY				Complete (if applicable)
Name (Print/Type)	Fredrick T. French Registration No. (Attorney or Agent)	52,524	Telephone	312-775-8000
Signature			- Date	February 5, 2004